

CRUISE REPORT

79033

Project: Puerto Rico Marine Geology Co-op

Cruise No. : 80-1

Ship: Research Vessel Gaviota (University of Puerto Rico, Mayaguez)

Area of Operation: Shelf and Bay in area of Guayanilla, Puerto Rico

Dates: October 15 & 16, 1979

Science Party: At Sea: Dr. J. Morelock, C.S.

Barbara Morelock (Dr. Morelock's wife)

Shore-navigation support: José Muñiz (Dept. of Natural Resources)

Kurt Grove (U. S. G. S.)

Man days: At Sea: other 4

At shore: USGS 2 other 2

Purpose and Accomplishments: To fill in gaps in existing sediment sample distribution from Guayanilla area. Sediment distribution is to be integrated with existing seismic, bathymetric, and physical oceanographic information. The paper to be submitted for presentation is 1980 Meeting of the Association of Island Marine Laboratories of the Caribbean (AIMLC). Job successful, 40 sediment samples collected.

Equipment: Zodiac, 25-hp outboard, navigation system, Peterson type grab sampler.

Navigation: 2 shorebased transits with VHF radio links with Research Vessel Gaviota.

Comments: Effort to increase cooperative ties with University of Puerto Rico Marine Geology personnel. Successful effort, good working relationship becoming better established.